

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/086077 A1

(51) International Patent Classification⁷: G06K 9/00

(21) International Application Number:
PCT/KR2004/002327

(22) International Filing Date:
14 September 2004 (14.09.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0016187 10 March 2004 (10.03.2004) KR

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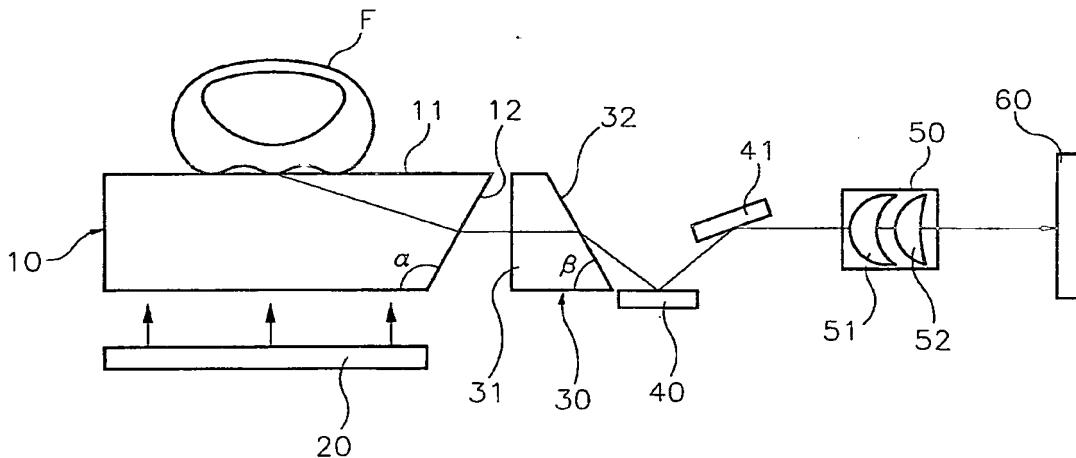
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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(54) Title: OPTICAL FINGER PRINT INPUT DEVICE FOR MOBILE APPARATUS



(57) Abstract: An optical fingerprint image input device for a mobile apparatus includes: a plate-shaped fingerprint contact member; a distortion-correcting member for correcting distortions; light sources disposed at both sides of the fingerprint contact member, other than an inclined surface or a back light source in a liquid crystal display element; focusing means disposed at an inclined surface side of the distortion correcting member; and an image sensor. In other words, the fingerprint contact member and the distortion correcting member having respective set-up inclined angles are disposed to discern sweat, water or oil and to correct a trapezoidal distortion which is a disadvantage that occurs when a thin fingerprint contact medium is used, and to form a lens system comprised of a cylindrical lens and a spherical lens for adjustment of a ratio of transversal to longitudinal widths of an image.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*